



## National Transportation Safety Board Aviation Accident Data Summary

<b>Location:</b>	BISMARCK, ND	<b>Accident Number:</b>	CHI98FA119
<b>Date &amp; Time:</b>	04/07/1998, 0838 CDT	<b>Registration:</b>	N868FE
<b>Aircraft:</b>	Cessna 208B	<b>Injuries:</b>	1 Fatal
<b>Flight Conducted Under:</b>	Part 135: Air Taxi & Commuter - Non-scheduled		

### Analysis

The airplane was making an instrument landing system approach in instrument meteorological icing conditions when control was lost. The airplane impacted the terrain 1.6 miles from the approach end on the runway. The airplane contacted the terrain with the left wing first prior to cartwheeling and coming to rest approximately 120 feet from the point of first impact. The pilot had 19 hours total flight time in Cessna 208's of which 1.9 hours were in actual instrument meteorological conditions.

### Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the pilot's failure to maintain adequate airspeed during the approach which resulted in an inadvertent stall. Factors associated with the accident were the icing conditions and the pilot's low level experience in this make and model of airplane.

### Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT  
Phase of Operation: APPROACH - FAF/OUTER MARKER TO THRESHOLD (IFR)

#### Findings

1. (F) WEATHER CONDITION - ICING CONDITIONS
  2. (C) AIRSPEED - INADEQUATE - PILOT IN COMMAND
  3. (F) LACK OF EXPERIENCE - PILOT IN COMMAND
  4. (C) STALL - INADVERTENT - PILOT IN COMMAND
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Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER  
Phase of Operation: DESCENT - UNCONTROLLED

#### Findings

5. TERRAIN CONDITION - GROUND

## Pilot Information

<b>Certificate:</b>	Flight Instructor; Commercial	<b>Age:</b>	41
<b>Airplane Rating(s):</b>	Multi-engine Land; Single-engine Land	<b>Instrument Rating(s):</b>	Airplane
<b>Other Aircraft Rating(s):</b>	None	<b>Instructor Rating(s):</b>	Airplane Single-engine; Instrument Airplane
<b>Flight Time:</b>	2265 hours (Total, all aircraft), 19 hours (Total, this make and model), 2103 hours (Pilot In Command, all aircraft), 71 hours (Last 90 days, all aircraft), 19 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Cessna	<b>Registration:</b>	N868FE
<b>Model/Series:</b>	208B 208B	<b>Engines:</b>	1 Turbo Prop
<b>Operator:</b>	CORPORATE AIR, INC.	<b>Engine Manufacturer:</b>	P&W
<b>Operating Certificate(s) Held:</b>	On-demand Air Taxi (135)	<b>Engine Model/Series:</b>	PT 6A-114
<b>Flight Conducted Under:</b>	Part 135: Air Taxi & Commuter - Non-scheduled		

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Instrument Conditions	<b>Condition of Light:</b>	Dawn
<b>Observation Facility, Elevation:</b>	BIS, 1677 ft msl	<b>Weather Information Source:</b>	Weather Observation Facility
<b>Lowest Ceiling:</b>	Overcast / 400 ft agl	<b>Wind Speed/Gusts, Direction:</b>	12 knots / , 10°
<b>Temperature:</b>	1° C	<b>Visibility</b>	8 Miles
<b>Precipitation and Obscuration:</b>			
<b>Departure Point:</b>	GRAND FORKS, ND (GFK)	<b>Destination:</b>	(BIS)

## Airport Information

<b>Airport:</b>	BISMARCK MUNICIPAL (BIS)	<b>Runway Surface Type:</b>	Asphalt
<b>Runway Used:</b>	31	<b>Runway Surface Condition:</b>	Snow--wet
<b>Runway Length/Width:</b>	8794 ft / 150 ft		

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 Fatal	<b>Aircraft Damage:</b>	Destroyed
<b>Passenger Injuries:</b>	N/A	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Latitude, Longitude:</b>			

## Administrative Information

Investigator In Charge (IIC):	TODD J CARLSON	Adopted Date:	04/20/2000
Investigation Docket:	NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at <a href="mailto:pubinq@ntsb.gov">pubinq@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .		

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